

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: "Brian K. Short" <ke7gh@primenet.com>
Subject: [17363] *NO* Group Purchase of SG-2020
Message-ID: <3.0.1.32.19970414235104.006fd860@mailhost.primenet.com>

Below was received from SGC regarding the "group purchase."
Sounds like they are not interested in such an arrangement.
Oh well! I won't beg on hands and knees. Sorry.

73, Brian k7on@qsl.net

>From: SGCMKTG@aol.com
>Date: Mon, 14 Apr 1997 19:39:42 -0400 (EDT)
>To: ke7gh@primenet.com
>Subject: Re: Possible Group Purchase of SG-2020
>
>Brian,
>Thank you for contacting us about the SG-2020.
>We are very happy to hear that you and your associates are interested in
>purchasing the radio.
>We hope that you will work with your favorite Ham Radio Dealer to make the
>purchase. It will be available from all of the major sources.
>We are keeping a waiting list that will be passed along to the dealers, and
>are happy to help you be among the first to take delivery of the new SG-2020.
>Thanks again for your interest.
>
>Robert Gregg
>SGC

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Dan & Donna Copeland <dcopeland@wwn.net>
Subject: [17389] 38s 5 watt mod
Message-ID: <3.0.1.32.19970414222229.006a80b8@pop.wwn.net>

Ok I give up. I have read several post and I still
don't know what is the best way to do the 5 watt mod.
I have a stock 38 special and I would like to know what
parts to install for the best results. It seems that
most of the post assume some of the parts are installed
and some should be changed or eliminated. I guess I will
have to plead ignorant on this one.

Thanks in advance
Daniel Copeland KF00V

dcopeland@wwn.net

"I want to die peacefully in
my sleep like my grandfather,
not screaming in terror
like his passengers."

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: duane <duane@flinet.com>

Subject: [17391] 38S 5watt mod

Message-ID: <01BC495D.8967D200@pm10-16.flinet.com>

OK guys there has been a lot of mods explaining the 5watt
Mod to the 38S. Some say remove D-8 others say remove
C-101 and so on . Well I just completed the mod recommend
By Bill Acito acito@asdg.enet.dec.com and the mod worked
Great ! I was having a lot of trouble before until I did this one.
Also you can find a gif file on my ham page on the WWW at
<http://www.flinet.com/~duane/ham/ham.html> just follow the links to
my download page and look for 38S 5watt mod . This picture is the
schematic layout of the above recommend mod. I now have a FB
38s with an adjustable power output. My 38s has no other mod
at all and it works great.

Here is the org. post by Bill Acito

<< The W5VBO Variable power mod, with one or two small
corrections/additions [noted in brackets].

b

To: qrp-1@Lehigh.EDU
From: Brian Kassel <bkassel@dancris.com>
Subject: NC38s:(Long) ScQRPion Variable TX PWR Mod

Here is the way that I did a variable TX power modification the
my NC38S It only applies to those rigs which have undergone the
high power mod; that is, the IRF510/511 has been added.

What it does:

This mod allows the TX power to be completely variable from
milliwatts up to full output. The maximum power desired point
can also be set.

How it does it:

The mod consists of adding a pot in such a way that a variable D.C. voltage, or bias, is added to the gate of the final FET. By varying the pot, the D.C. voltage at the gate can be varied from almost 0V (lowest power out) up to about 5.5 volts or so (highest power out).

The parts required are:

- 1.) 1 ea. 50K pot
- 2.) 1 ea. 22K 1/4w resistor

[[or

- 1.) 1 ea 100K linear pot
- 2.) 1 ea. 47k 1/4w resistor

IMPORTANT: The R should be 1/2 the max pot value.]]

- 3.) A .1 UF capacitor at C-101, if you removed it per the Paul Harden Mod.
- 4.) Oh yea, some wire too to hook up the pot.

Macro instructions for the knowledgeable/impatient:

The mod only requires the addition of a 25K to about 100K pot. For this mod, the taper probably doesn't matter very much. I used a 50K, linear taper unit. One end of the pot goes to ground, one end goes to the cathode of D-7 via an added 22k 1/4 resistor. This resistor sets the highest available TX power out when the pot is set for maximum. The center goes to the junction of R-102 and C-102. This junction provides a +8 VDC when the key is down (R-). This voltage is varied with the pot, and supplied as the bias to the FET at the junction of R-102 and C-102. You must remove R-103 also, which frees up the circuit for the mod.

Doing the mod, step by step :

- 1.) Replace C-101 (wire) with the capacitor that you may have removed per the Paul Harden Mod. Or use a new one if you killed the little beastie on the way out.
- 2.) Remove R-103, we will use the holes left by the removal of the part to connect the new potentiometer.
- 3.) Solder one end of the 22K resistor to one end of the pot.

- 4.) Solder a wire to the other end of the resistor, and run it to the cathode or banded side of D-7. CAREFULLY solder the wire.
- 5.) Run a wire from the other end of the pot, to TOP hole, where R-103 used to be. This hole should be ground. Solder both ends of the wire. 6.) Run a wire from the center of the pot to the BOTTOM hole, where R-103 used to be. This is the connection to the junction of R-103 and C-102. Solder both ends.

[[6.) Optional: a 6v or even 5.2 volt zenor diode can be put across the outer leads of the pot to make sure the voltage never exceeds the Vgs limit of the FET.]]

Smoke Trapping measures:

-
- 1.) Double check everything.
 - 2.) See above

FINI:

With the rig turned on and keyed, measure the DC. voltage at the junction of C-102 and R-103. As you turn the pot, the voltage should vary from about 0 to about 5.7 volts. If you get maximum volts when the pot is CCW rather than CW, just reverse the connections at both ends of the pot. If you find that at the maximum setting of the pot you have too much output power, then make the 22K resistor larger. If you find that at maximum setting you don't get enough output then, oh heck, you know what to do, right?

We already know that some of the final FET's are hotter than others, so of course your mileage may vary, as they say in Texas.

Credits.

The original idea for this mod came from the almost-famous Dan Tayloe at our last ScQRPion get together. I just kind'a worked out the physical details.

There are of course other methods out there I am sure on how to accomplish the same end. This is simply the way that I wound up doing mine.

 * Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
 * QRP-L #404 - ARCI #3623 *
 ***** >>

73's all I hope this helps
duane@flinet.com
<http://www.flinet.com/~duane>
<http://www.flinet.com/~duane/ham/ham.html>
ab4be@amsat.org
QRP-L# 710

. - I own my own words -
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arco norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Bill Acito 15-Apr-1997 1502 <acito@asdg.ENABLE.dec.com>
Subject: [17424] 38S: 5 Watt variable Mod
Message-ID: <9704151945.AA09185@us1rmc.bb.dec.com>

|Well I just completed the mod recommend
|By Bill Acito acito@asdg.enet.dec.com

Wow. Now I'm getting quoted.... :-)

Brian really gets all the credit. A few folks did point out confusion in the documentation, and before this makes it's way around, let me add the correction/clarification (confusion between C102, R102 and R103): the text talks about the junction of C102 and and R102, but R103 gets removed; it also shares the same junction as C102 and R102, hence the confusion.

I'm at work, so I can't definitively check by looking; I will do so tonight. I got the mod to work, so if this is wrong either my brain swapped them on the fly, or I'm just incredibly lucky. We

should probably add the fully corrected version to the Norcal page.

My 38S has the high power, variable power, and NA5N output filter mods, the grounding/bypass mods underneath, a KC1 for Freq readout and keyer, with a 10-turn pot for tuning. I used a 30pf mica and a 5-35pf trimmer in parallel to set the 700Hz offset using another receiver. I get 5W+ out. The entire thing is in a Lansing case (ala NN1G).

With apologies to W5VB0 for hacking his mod, and to those of you who are sick of hearing about Tiger Woods, Hale-Bopp, Heavens Gate, and now the 38S...

W5VB0 Variable power mod
REV 3, preliminary (April 15, 1997)

rev 1 - original posting
rev 2 - clarified voltage divider scheme (new resister and pot)
rev 3 - clarified R102, R103 - which one gets pulled?

my changes to Brian's post in []'s

Bill W1PA

To: qrp-1@Lehigh.EDU
From: Brian Kassel <bkassel@dancris.com>
Subject: NC38s:(Long) ScQRPion Variable TX PWR Mod

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from almost 0V (lowest power out) up to about 5.5 volts or so (highest power out).

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-
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to TOP hole, where R-103 used to be. This hole should be ground.
Solder both ends of the wire. 6.) Run a wire from the center of
the pot to the BOTTOM hole, where R-103 used to be. This is the
connection to the junction of R-10[2] and C-102. Solder both ends.

[[6.) Optional: a 6v or even 5.2 volt zenor diode can be put across
the outer leads of the pot to make sure the voltage never exceeds
the Ids limit of the FET. I think this is at Vgs=6.5V...
if you exceed this, you kill the FET, and don't even get
the satisfaction of smoke and fire.... it just dies and
you are back to 300mW. I know, i did it.]

Smoke Trapping measures:

- 1.) Double check everything.
- 2.) See above

FINI:

With the rig turned on and keyed, measure the DC. voltage at the
junction of C-102 and R-10[2]. As you turn the pot, the voltage
should vary from about 0 to about 5.7 volts. If you get maximum
volts when the pot is CCW rather than CW, just reverse the
connections at both ends of the pot. If you find that at the
maximum setting of the pot you have too much output power, then
make the 22K resistor larger. If you find that at maximum
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wound up doing mine.

* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *
* QRP-L #404 - ARCI #3623 *

***** >>

.
Bill Acito

acito@asdg.enet.dec.com

|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: rerobins@unccvm.uncc.edu (Rick Robinson)

Subject: [17403] 5 watt HW-9?

Message-ID: <v02130501af79082b50eb@[152.15.144.13]>

Someone advertised an HW-9 here recently saying it had 5 watts output, 80 - 10. While I don't dispute this, I'd like to know how. I've been tweaking mine for years, done just about every mod not requiring holes in the panels, and I don't get more than 600 mw out on 12 and 10 meters. Back when the sun was more favorable, I had many QSOs on both 12 and 10 with my puny signal.

I've wondered if matching the caps in the transmitter output bandpass filters might improve the output. A mod of this type is mentioned in Mike Bryce's "HW-8 Handbook". Someone substituted trimmers in the 10 meter filter and tuned for max output, then read the value and substituted silver micas of that value. Matching the caps in the audio filter worked wonders in mine and doing so in the transmitter filters might do the same.

I measured the output of mine last week with an HP 180 'scope across an 8 watt non-inductive dummy load. Maximum output varied from slightly over 6 watts on 80, to 600 mw on 10.

Any suggestions are appreciated.

72/73,

Rick kf4ar

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Stan Skelton <sskelton@c1n.etc.bc.ca>

Subject: [17421] Anybody converted a Rainbow to 80 meters?
Message-ID: <Pine.SUN.3.95.970415124947.7952A-100000@c1n>

Hi...Anybody converted a Rainbow tuner to 80 meters?

If so, how, did you just add 270pf or change the torroid windings...

Stan VE7SKT, qrp-1 #34, AK/QRP #136 OHR Sprint 80, 38 Spec.

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Stan Skelton <sskelton@c1n.etc.bc.ca>
Subject: [17418] Anyone got Dan's new kit yet??
Message-ID: <Pine.SUN.3.95.970415112507.29799A-100000@c1n>

Anyone got Dan's new kit yet? I'm anxious to get a first impression before I order.....

Stan VE7SKT, qrp-1 #34, AK/QRP #136 OHR Sprint 80, 38 Spec.

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [17378] ARCI log long delete now if not interested.
Message-ID: <3352F184.2FD5@concentric.net>

Hi all,

I was on for a total of about 2 hours for the ARCI Sprint. The log is not computed for score or SPC's just raw. 46 QSO's with the majority on 40 meters. OHR 400 at 5 watts (excellent contest rig!) and Gap Titan

Station Log: SAMPLE DATA

Printed on

04/14/97

04/13/97 1259Z-0000 K5FG	7040	CW	559
559			
04/13/97 1302Z-0000 K5PN	7040	CW	559
559			

04/13/97 1305Z-0000 K0EVZ 589	7040	CW	559
04/13/97 1316Z-0000 K9PX 589	7040	CW	559
04/13/97 1324Z-0000 KJ5TF 599	7040	CW	599
04/13/97 1333Z-0000 N0IBT 589	7040	CW	579
04/13/97 1341Z-0000 N2CQ 559	7040	CW	349
04/13/97 1343Z-0000 K8SGN 539	7040	CW	539
04/13/97 1345Z-0000 KI5G 559	7040	CW	549
04/13/97 1348Z-0000 W5SKD 569	7040	CW	569
04/13/97 1351Z-0000 W5SB 599	7040	CW	539
04/13/97 1353Z-0000 W040 599	7040	CW	559
04/13/97 1354Z-0000 KG0UA 579	7040	CW	559
04/13/97 1355Z-0000 NE0X 599	7040	CW	579
04/13/97 1357Z-0000 K6VNX 569	7040	CW	569
04/13/97 1400Z-0000 N5DUQ 559	7040	CW	559
04/13/97 1404Z-0000 K4NK 549	14060	CW	549
04/13/97 1406Z-0000 W4ED 559	14060	CW	549
04/13/97 1408Z-0000 KE4YH 559	14060	CW	539
04/13/97 1410Z-0000 N0IBT 539	14060	CW	569
04/13/97 0324Z-0000 AA7KF 5/9/9	7040	CW	5/9/9
04/13/97 0328Z-0000 N6KZ 559	7040	CW	559
04/13/97 0330Z-0000 W2UX 549	7040	CW	539
04/13/97 0332Z-0000 W9DZ 579	7040	CW	559
04/13/97 0336Z-0000 WD9IA 559	7040	CW	439
04/13/97 0339Z-0000 WA20CG 569	7040	CW	449

04/13/97 0350Z-0000 KE6PYO	7040	CW	579
599			
04/13/97 0353Z-0000 VE6BIR	7040	CW	579
599			
04/13/97 0356Z-0000 K4ZM	7040	CW	559
559			
04/13/97 0357Z-0000 KE4LIA	7040	CW	559
599			
04/13/97 0359Z-0000 K8CV	7040	CW	559
599			
04/13/97 0402Z-0000 WW6D	7040	CW	449
559			
04/13/97 0406Z-0000 KD6YIX	7040	CW	569
559			
04/13/97 0406Z-0000 KJ9O	7040	CW	559
559			
04/13/97 0408Z-0000 W9ETU	7040	CW	569
569			
04/13/97 0410Z-0000 AA8TK	7040	CW	449
559			
04/13/97 0413Z-0000 AB7TK	7040	CW	559
579			
04/13/97 0414Z-0000 AB6SO	7040	CW	559
559			
04/13/97 0420Z-0000 VE3AR	7040	CW	569
559			
04/13/97 0423Z-0000 W7LNG	7040	CW	449
599			
04/13/97 0426Z-0000 N9JXY	7040	CW	559
599			
04/13/97 0433Z-0000 K0FX	7040	CW	559
559			
04/13/97 0437Z-0000 N6WG	7040	CW	579
579			
04/13/97 0440Z-0000 WX7R	7040	CW	599
599			
04/13/97 0509Z-0000 AA7QU	7040	cw	579
559			
04/13/97 0514Z-0000 WB5FKC	7040	CW	599
599			

End of Report: 46 records printed.

Not too bad and had fun! Bands were in ok shape and if I heard them they could hear me. I did hold the freq for a few runs and had fun with the mini pile ups. I agree with the comments that people do not wait long enough for the CQ's but on the other hand, I had the freq taken from me several times if I waited too long. I am sure that there is a happy compromise, I just am not enough of a contester to figure it out. I have

a hard time sitting at the radio for more than a couple of hours at a stretch. A real good turn out and the bands were in ok shape. 20 was a little poor.

Best
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: K10i1@aol.com
Subject: [17366] ARCI Results - K10I
Message-ID: <970414201707_384948277@emout01.mail.aol.com>

Hi gang,

Really enjoyed the QSO party. Started out to see how many states I could work and ended up hanging in there working everyone I could hear. Only had 3 bands other than 30 for the ARG0 556 (80-40-20) so was limited to these. I was pleased with these results for my first QRP contest:

Band	QSOs	Points	S/P/C	
80	18	84	13	
40	30	120	22	
20	60	264	30	
Total	108	468	65	for 212,940

Worked 37 states, 3 provinces and 2 DX countries (XE,HP). After fighting the East and West coast curtains for so many years of QRO DX contests, it's enjoyable to find that the center of the U.S. does have a few advantages at times...hi.

Biggest thrill - working KH6 at very end of contest

72/73 de Mac K10I QRP ARCI 3227 QRP-L 1037
AK/QRP 154 CQC 454

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: DYARNES@aol.com
Subject: [17390] Cascade Wanted
Message-ID: <970415023219_-2071134366@emout13.mail.aol.com>

Hi All,

I've built a bunch of QRP CW rigs, but haven't built one for SSB yet. Is there possibly an unbuilt Cascade out there that needs a new home? Not really interested in anything already put together.

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [17431] Concerning wattmeters
Message-ID: <3356fc6e.24260241@smtp.usit.net>

You'd think, given my surname, I'd already know, but I don't ...

Are there any other wattmeters on the market (other than OHR, which I am aware of) that will handle milliwatts to 10 watts fairly accurately (and readably)? I'm in the process of building a St. Louis Tuner, which has wattmeters, but the scales aren't really calibrated that well.

Next question ... anybody have a source for meters (200mA, etc.) that has a face calibrated in watts? 1-10? I don't think voltmeters will do, and milliamp meters tend to be in ranges of 15 ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: N4JS <n4js@amsat.org>
Subject: [17392] CW list
Message-ID: <v03020903af78fe42f9b6@[206.106.174.44]>

I thought I saved it.....anybody have the address for subscribing to the cw list handy?

- - - - - John L. Sielke n4js@amsat.org n4js@pobox.com

| \ | | | | _ | | / _ _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.pobox.com/~n4js NJ-QRP #57
| _ | \ | | _ | \ _ _ / | _ _ / QRP-L #884 QRP-ARCI #9328 NE-QRP #507
G-QRP #9544 Norcal #???? QCWA Life Member
WIMPS: Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries 08/00/00

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [17404] Dayton-bound behemoth from MD needs riders!!!
Message-ID: <Pine.3.89.9704150946.J20414-01000000@w3eax.umd.edu>

Chris (N3XRV) and I will be going to Dayton in a LARGE Chevy Suburban.

Wanna know what's really great?

Sure, it's finals week, but let's say y'ain't got no finals OR you just want a break from 'em...OR you're not in school...

SO what's so great? WE HAVE THREE EXTRA SEATS!!!

We're leaving THURSDAY NIGHT and arriving FRIDAY MORNING. Coming back home SUNDAY NIGHT. You only miss ONE day of work/school!!!!!!

THREE TONS of vehicle with FIVE antennae on it, a bunch of HF/VHF/UHF rigs, and a gang of five screaming hams.

Of course, at this point, there's only two (me and Chris). Seeing as how it gets worse mileage than the QE-II, the more people the better (peoples' weight is negligible).

Again, the path will be

DC to Frederick to Hagerstown on I-70
to Cumberland, MD and Morgantown, WV on I-68
to Washington, PA on I-79
to Wheeling, WV, and Zanesville, Columbus, and Dayton, OH on I-70
to Miamisburg, OH on I-75

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: kh6b@juno.com (Dean W Manley)
Subject: [17412] Dummy loads
Message-ID: <19970415.062724.5391.0.kh6b@juno.com>

Aloha gang:

A couple of days ago someone inquired about non-inductive versus some other resistors for dummy load rf application. Radio Shack sells 8-ohm, 20 watt NON-INDUCTIVE resistors. I connected six of them in series - almost never will burn out at QRP. I checked the series total resistance at 49-ohms. The 50-ohm dummy load that RS sells for some \$20+ checked out at 51-ohms. Maybe this shows my meter is off a bit, but close enough? BTW I mounted the six resistors vertically between a pair of small RS pc boards - the ones you break in half along the dotted line. If only RS had say 2-watt carbon resistors, I'd connect a pair of 100-ohms in parallel.
cul

73 and Aloha, Dean Manley KH6B
ARRL Life Member, HI Chapter QCWA,
ARCI 6257, QRP-L 1032, HI-QRP 1, NorCal ????,
BK29KP Hilo, Hawaii
kh6b@juno.com

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [17430] First Reminder for the May Spartan Sprint
Message-ID: <199704152130.RAA61027@nss2.CC.Lehigh.EDU>

The May Spartan Sprint will be held on April 5 (which is our standard date--the first monday of the month). We'll operate on two bands--40 and 20. DON'T WORRY IF YOUR STATION IS A BIT TUBBY. WE COMMEND THE WINNERS IN TWO CATEGORIES--POINTS, AND POINTS PER POUND.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT.
Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT.

2. The frequencies will be 7040+- KHz and 14,060+- KHz. (You may operate

one or two bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

>

4. If you choose to call CQ, use the format "CQ SP".

5. You can take credit for working the same station on a second or third band.

6. To encourage QRPers to discover that there is life outside 40 meters, we'll give double points for contacts on 20 meters.

After the contest, send Russ Carpenter, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Russ by Tuesday night, he will include your data in the contest results, which will be published on Thursday on the ARS web site and the QRP-L. Russ' email address is russ@natworld.com.

As an alternative, you can use our new automated Spartan Sprint report at the ARS web site. Just fill in a few boxes, click the "submit" button, and you're done! You can get directly to the report page with this URL: http://www.natworld.com/ars/events/spartan/submit_spartan.html. Or you can take a more leisurely (and rewarding) stroll through the ARS site by going to the home page at <http://www.natworld.com/ars>.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

<P>

ARS provides handsome certificates to the operators who achieve the top two scores in points, and points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing

your interest. Richard's e-mail address is KI6SN@juno.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager
russ@natworld.com

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: Jim Dolson <dolsonj@ix.netcom.com>
Subject: [17406] Free Altoids Tins at Dayton
Message-ID: <3353978B.1142@ix.netcom.com>

I've got about two dozen Altoid tins to give away at Dayton this year. If you want one, or two, or ... feel free to stop at flea-market spot #133. Just a few to a customer please.

Jim
wb8zbd
dolsonj@ix.netcom.com

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [17432] FS CMOS SUPER KEYS II
Message-ID:
<Pine.GS0.3.95.970415182529.14071A-1000000@conciliator.acsu.buffalo.edu>

I have for sale The CMOS Super Keyer II kit.
Unbuilt ...Includes the board and all board mounted parts, instructions and reprint of article. \$38 each . I have three.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [17362] FS or FT -- More stuff, no computer equipment!
Message-ID: <3360bb43.272023565@smtp.usit.net>

I know you folks are sick of seeing my forsale and fortrade items. Thanks for your patience, but I so enjoy acquiring and using QRP rigs and accessories, I'm cleaning out the old in favor of the "new".

This go-round I have:

A Telex Contester Headset with boom mic. I'm getting rid of the microphones, personally (already sold the Heil open-ear boomset and the Swan/Shure 444), but these are superb headphones for high-noise areas (kid tested, mother approved). Barely used (about 20 hours), with 1/8" stereo plug on phones and 1/4" mono plug on mic. Asking \$65 (over \$100 new!).

An Outbacker, Jr., 4 ft. mobile/portable antenna. Works 80-10, including WARC, probably could use a new shorting cable (90 cm with banana plugs). Super for mobile and backpacking. Will throw in vice-grip mount (attach to convenient metal ground object and operate away!). This antenna has worked mobile-to-mobile QRO from S. Florida to Hungary (my favorite QRO contact to date). Asking \$175.

Needs/Wants/Desires (i.e., things I will trade for):

(I have no cash, so if you want cash with something of mine for your treasure, I won't be able to help -- sorry!)

Vibroplex Brass Racer paddles (saw a set this weekend and fell in love!)
>40MHz dual-trace O'scope with probes (Tek 465 or equivalent??)
OHR-400 or Sierra (built or unbuilt), four band QRP rig
Cash (always a nice option <G>)

No questions or responses to the list, please. Direct e-mail to: mdwatt@usit.net.

Thanks for the interest/attention ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee

e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>

"The Curmudgeon's Corner"

NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

~~~~~  
From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: ALK0FRP@aol.com  
Subject: [17433] FS: MFJ 207 ANT ANALYZER  
Message-ID: <970415185055\_250727273@emout10.mail.aol.com>

FOR SALE MFJ 207 ANTENNA ANALYZER:  
SHIPPED CONUS 48 \$50.00. LIKE NEW + MANUAL.

AL K0FRP

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [17374] FS: Mint HW-9 + PSA-9 power supply  
Message-ID: <Pine.3.89.9704142055.A18956-0100000@w3eax.umd.edu>

maybe a single mark somewhere. maybe. don't think so.

Full rated 5 watts output (or more) on all bands. CW, 80-10m including  
WARC bands. 250 kHz bandspread. Physically pretty much perfect.

All manuals, plus a DUST COVER.

\$400 firm.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: jlarsen@alascam.att.com  
Subject: [17423] FS: TS440S and VF0-520 - de AL7FS

Message-ID: <9704158611.AA861101369@alascomsmtp.alascom.att.com>

For Sale:

Kenwood TS440SAT w/ CW filter and internal antenna tuner; no microphone.

Works fine at all QRP levels (also at QRO). Was my major rig until my brother (N9VZC) sold me his TS-450S in January when we met in Hawaii for vacation.

Asking \$800.00 plus shipping.

If I find the mike, I will ship it at no cost but this FS does NOT include the microphone. I haven't run SSB much in years except with the QRP+.

If I find the mobile mount, I will post a separate FS.

Also For Sale:

Kenwood Remote VFO for the TS-520S. Number may be VFO-520.

This rare one is \$95 firm plus shipping.

73,  
Jim  
AL7FS  
ex-WA0LPK/KL7

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Robert D. Haslach" <rhaslach@CapAccess.org>  
Subject: [17420] FS: TS450SAT, PS  
Message-ID: <Pine.SUN.3.91-FP.970415150407.25811B-1000000@cap1.capaccess.org>

FS TS-450SAT & 20amp PS - works well QRP  
manuals, non-smoker  
pair \$1,100 shipped to lower 48

Regards, N3FRT  
Robert D. Haslach  
Washington, DC  
Bye

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Ed Manuel" <n5em-qrp@msn.com>  
Subject: [17371] FW: DAYTON NOTE TO QRP LIST  
Message-ID: <UPMAIL06.199704142149140027@msn.com>

Already have three in my room :-)

Ed, N5EM

-----  
From: George Pierce  
Sent: Monday, April 14, 1997 8:44 AM  
Subject: DAYTON NOTE TO QRP LIST

I will be attending Dayton for the first time and need accommodations. Would like to be in Days Inn with QRP friends if possible. If your room allows two in a bed, I'll take the floor. I'm prepared for it. I'll pay full share. Non smoking, 50 yr old male, Advanced class ham.

George Pierce  
WA5ABS  
pierce@rice.edu  
George F. Pierce III  
pierce@rice.edu

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Paul R. Valko" <prvalko@Oakland.edu>  
Subject: [17367] Group Purchases, WAS: \*NO\* Group Purchase of SG-2020  
Message-ID: <Pine.OSF.3.95.970414200252.14211B-100000@vela.acs.oakland.edu>

On Mon, 14 Apr 1997, Brian K. Short wrote:

> Below was received from SGC regarding the "group purchase."  
> Sounds like they are not interested in such an arrangement.  
> Oh well! I won't beg on hands and knees. Sorry.

Brian, et al,

Don't be so surprised that a manufacturer is reluctant to usurp a dealer network with a group purchase arrangement! This very topic was covered

in the current issue of the computer shopper, QRP-L is far from the only internet special interest list that deals in group buys.

I think we are quite fortunate to get some of the great group deals that we do. The recent LDG Autotuner, and the offerings from OHR are exceptional, and probably only made available because of a limited or non-existent dealer chain.

Your tactic should be to link up with an SGC dealer and arrange a group purchase. Even then, a high demand, low availability product offers little incentive for a dealer to sell for less than market cost.

Good Luck and vy 73! =paul= w8kc

ObQRP (Been awhile since we've seen one of these!) As you may recall, I was first on the block to order one of the Ten Tec QRP kits. I chose the 80M version as I own several fine 40M jobs plus a 38 spl.

Anyways... Last Summer, my friends at TenTec said I should see my kit around Thanksgiving. I scoffed at this hopelessly optimistic estimate when I heard it - knowing very well, that things move a l i t t l e slower in the foothills of the Smokys.

Still... it would be nice to pick it up at Dayton :-)

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: torell@sicom.com (Kent Torell)  
Subject: [17419] Hawai dxpediton  
Message-ID: <v02130501af7971fe5329@[192.91.202.41]>

Dean Manley posted a note on 2/27 saying there would be some operations around the Hawaiian islands this weekend. Still happening?

copy of previous post from kh6b@juno.com (Dean W Manley):

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The fifth annual DXpedition to Moku Ola Island, an island in the North Pacific at approximate coordinates 19.7462 north 155.5843 west, will take place April 19 and 20. Co-sponsored by Hawaii Chapter QCWA, this special event station will use the call sign AL0HA. Station Aloha club call belongs to the Coconut Island DX Association. Planned antennas are 1: multiband vertical in the bay using salt-water ground and 2: a tilted half rhombic spanning the length of the island. Both cw and ssb on 160 thru 10 meters. Special emphasis QRP frequencies 7040, 14060 kHz.

Special QSL cards will be sent upon receiving yours. SASE appreciated.  
QSL via Dean Manley KH6B, 2058 Ainaola Drive, Hilo, HI 96720-3638.

Kent Torell    torell@sicom.com    602-607-4852  
SICOM    7585 E. Redfield, #202    Scottsdale, AZ    85260  
AB70A    scQRPion 6,qrp-l 57,ARCI 9075    DM33xn    33.55 N 112.078 W

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: k4wz@juno.com (RON L TODD)  
Subject: [17394] HELP  
Message-ID: <19970415.070702.3239.0.k4wz@juno.com>

Wud someone please send me the E-Mail about the free WEB PAGE  
I deleted it. Thanks

RON TODD    K4WZ    ex AE4LQ, KE4RZR, WA4EPC  
K4WZ@JUNO.COM    OR K4WZ@WORLDNET.ATT.NET  
FISTS #2109,    ARCI # 9273,    QRP-L # 924 ARRL LIFE MEMBER  
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M,    PIXIE2.  
ANT.    C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Dale Anderson <dalea@artemis.fc.hp.com>  
Subject: [17416] HELP! Almost deaf OHR-100...  
Message-ID: <9704151741.AA21451@artemis.fc.hp.com>

Hi Everyone,

I finally found the time to get the rest of my OHR-100  
(40m version) together last night. Total assy & test  
time: 6-hrs. I powered it on and completed the alignment  
procedure per the instructions. All seemed to work fine,  
except I can't hear anything on it besides my main station  
rig. ...and YES, the antenna was connected.

So, before I jump into the signal injection/tracing  
routine, any suggestions on a place to look first?  
Anyone know the normal DC voltages thru each stage?  
Like I said, it hears my main station fine and TX from



the little rig works great! I just need to work out the RX problem.

Also, is this thing supposed to suppress one of the sidebands? I can hear both! ...and the BW control seems to do little to attenuate the signal from my main rig, even if it's off-freq. I suspect I have more than one bug in this unit.

I had planned to use this thing for QRPTTF, so I need to get these things resolved ASAP.

Help? Anyone?

Tnx es 72/73

-Dale, KB0VCC

Fort Collins, CO

QRP-L #91 / CQC #251 / ARS #234

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: "JakeCart" <JakeCart@ix.netcom.com>

Subject: [17375] I think the ARCI event put me over the edge

Message-ID: <199704150216.VAA20001@dfw-ix16.ix.netcom.com>

Well I've been a ham for 6 months now -- and for the past few weeks have been inching toward that QRP barrier. For me, turning my Scout down to 5 watts has been tougher than "standing in the door" at Benning. But at the urging of Joe, AB5TT, we set up a sked, I went QRP and worked AZ -- hey this is cool.

This weekend I managed 5 hours of QRP during the ARCI event (my XYL hasn't simmered down yet :>( ). My score wasn't in the ballpark with the rest of you guys but I managed 48 solid contacts in 22 states with folks in the contest (including 31 ARCI members) and picked up a few extra non-contest QSOs, adding a couple more states. I'm half way to WAS QRP in only 5 hours -- even got RI and ND that I'd never worked before!! Hey, this is great. I'm sending a QSL and SASE to all contacts -- that ought to take care of my allowance for a couple weeks.

Bottom line -- I'm hooked. Now if I can just figure out how to build my own gear (my QRP-L 30 m "trilogy" is still in the shipping bags) and work the remaining 26 states.

73,

Jake [N4UY]  
QRP-L #821

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [17364] It ain't no fluke!  
Message-ID: <3.0.1.16.19970414195310.28373300@mail49.mci2000.com>

Gang...well it wasn't a fluke working the VK3 station the other nite. I just worked him again tonight, Tuesday, at 0020Z. I also heard another VK6 station on, being worked by a W0.

The 38S is now in a real case that measures about 3x5x2 inches high. Controls are mounted on the top, so it is trail friendly, but you can also set it up on the front, and it looks like a more conventional setup. Still working FB. BTW, I worked another DX station tonight also on 10.116. PJ2MI/QRP was there calling CQ DX. I obliged! :-) 529 signals both ways and a real qso. Good stuff this QRP.

72....Jim

|                                                            |    |                         |
|------------------------------------------------------------|----|-------------------------|
| Jim Kortge, K8IQY (ex NU8N)                                |    | NorCal, QRP-L           |
| jokortge@mci2000.com                                       |    | __o H.F. bicycle mobile |
| Fenton, MI                                                 |    | _'\<, Mizuho 17/40 SSB  |
| ...                                                        | .. | .. (*)/(*) ..           |
| NorCal 38S Log - 28 States; 25 Countries - Running 3 watts |    |                         |

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [17426] K5FO's BIG SHOWING & 1996 CW SS RESULTS  
Message-ID: <9703158611.AA861138952@smtpgw.ccgate.dl.nec.com>

Gang:

Was sure neat to see my call in the '96 CW SS results article in May '97 QST. Managed 122 Q's just a few days before my new call came thru (ex-AC5GY). This was my first serious attempt ever at any contest. Good stuff.

Many congrats to Chuck for his big 65,850 points. Also, noted many calls who have now seem so familiar over the past few months. This contest really brings people out of the wood work.

Looking forward to this year. Have to learn to use a laptop and logging program soon!

73 de Dave NR3E/5

nr Dallas, TX

qrp-1 #25, ARRL

WIMPS: Qs=023 30m=021 17m=02 12m=00 States=019/02/00

DX=02/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: MARK\_NTC-DASHER@stricom.army.mil

Subject: [17414] Kenwood TS-430

Message-ID: <9703158611.AA861135098@orlando-emh2.stricom.army.mil>

All,

I just returned from a visit home with my Uncle's Kenwood TS-430. It seems somewhat dead, esp above 40 meters. (My HW-8 picks up more than it.) As it has not been used since 1987(?), I am deciding if it is worth sending away for a checkup/tune-up. Questions are

1) Does it perform well a the QRP level? Manual has one sentence ref QRP.

2) Any recommendations on installing the YK-88C or YK-88CN.

Thanks

73,

Mark (former WD8SEP, soon to be ????)

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: N4JS <n4js@amsat.org>

Subject: [17379] Last Kit!!

Message-ID: <v03020902af789fd3298d@[206.106.174.44]>

OK, I ordered the LAST kit I am ordering this year. After all, I have gone NUTS with this stuff. Anyway, I ordered the Dan's Centennial Transceiver. Let you know how it looks.

BTW, Very interesting on W7EL. Wish I could be there. That last kit I built before my "hiatus" was the "W7EL Optimized QRP Transceiver." I still have it, it still works great. Only problem is it IS a DC receiver. Puts out 4W, rock stable, and very nice little keyer built in. (Never could get the built in paddles to "feel" right).

```

      John L. Sielke n4js@amsat.org  n4js@pobox.com
      n4js@n4js.ampr.org  NJ Grid:FM29LN
      http://www.pobox.com/~n4js      NJ-QRP #57
      QRP-L #884  QRP-ARCI #9328 NE-QRP #507
      G-QRP #9544  Norcal #????  QCWA Life Member
      WIMPS: Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries 08/00/00

```

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Steve Galchutt <N0TU@webaccess.net>  
Subject: [17383] Lost 38s part 3 post  
Message-ID: <3352FD21.6DD6@webaccess.net>

Sorry...but out of my stupidity and hasty fingers I lost Part 3 of the series regarding the "dethumping" of the 38s. If the clever individual who authored this is listening could you please send another copy to me?? Or if someone else knows of which I speak please forward me a copy. I'm forever grateful...tks! Steve

-----  
"Just doing it" - Havin'a blast buildin'& usin' QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Jess Gypin <jessqrp@concentric.net>  
Subject: [17384] New contact and QRP'r Rambles  
Message-ID: <3353038E.2314@concentric.net>

Hi all,

I know that I have been posting a lot and rambling a lot. I just worked

AA2YK in New York at about 0330 Z on 30 meters. I was calling CQ on what I thought was a dead band. He was 559 before the QSB took him out. I asked if he had Email and sent my address. I was just sitting here thinking about QRP, the internet and the hobby in general. The first thing that I did after working him was jump to the QRZ web page and look to see if he had an Email there. WE ALL need to update our Email addresses there. Think about how cool it would be to send an Email QSL right after working someone that is brand new to QRP. He said that he had been reading about it and was just trying it out to see if it worked and he was tickled pink at our contact. This is what the hobby is all about! I was just sitting here in a pile of kits and wire thinking that there are so many out there that are missing out on the fun! There are those that think that the internet will kill the hobby Bull Pucky! If it were not for this list I would not be where I am today, having more fun at Ham Radio for less money than I ever had before. I remember a few years ago sitting in front of my brand new TS850 that I had just spent in excess of \$2500 for, wondering if the wind was going to blow down the Explorer 14 tribander on the tower, and watching the glow from the tubes in the linear. I had just cracked a pile up on 20 meter SSB first call for a pretty rare DX contact. I thought that I would be happy. I thought that I wanted a killer station and amp. I had just spent a pile of money on a radio, tower, amp and tribander because I thought that I needed this stuff to be a "real" ham. I remember the ridicule that I was up with from the "real" DXers over my station that I started with. Home brew dipoles at 35 feet and a pair of Kenwood 599's. I had more fun with the old Kenwoods and the dipoles than the TS850 and beam. It wasn't fun anymore. I remember reading an article about getting obsessed with DX and radio and others that did not have a home life because of this obsession. I put everything that I had as a station up for sale the next day except for the 30 meter A&A QRP rig that I had built as an experiment because the 599's did not have WARC bands. I still have that rig and will never sell it. I went back on the air after taking 2 months away from the hobby to get my priorities straight. The first contact that I made that night on the 30 meter rig and a lowley dipole was Easter Island thru a huge pile up. I still smile at the card on the wall. I was having fun again and my XYL was speaking to me again.

Where is the lesson in all of this? I am a better operator, better person, and am enjoying the hobby more now than ever. I love building my own rigs, and working QRP. My code speed is higher now than ever. I could be a killer contest and DX op, I just chose not to. For those that think that CW and QRP will die, I say never! AS long as there are those esteemed gentlemen that I have met on this list and the great minds out there that keep offering the great rigs and antenna ideas that come up here, the hobby is here to stay!

The SLV, the 49er, the 38S, all of the great radios from Norcal, Wilderness, OHR, Emtech, S&S, A&A, Tentec, all of the great clubs, and last but not least "the Gang" on QRP-L and Chuck Adams. My best wishes to you guys. It has been a hell of a ride the last 5-6 years and the fat

lady ain't no where near ready to sing! Get on the air, operate, build rigs, share your ideas with others. Have fun! Lord only knows that in this world, good times at this cheap price are getting harder and harder to come by everyday. I will get off of the soap box now. For those of you out there that have read this far, thanks for your indulgence.....

Best 72

Jess N0TFI

<http://www.concentric.net/~jessqrp>

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Jim Dolson <dolsonj@ix.netcom.com>

Subject: [17395] Performance Comparison of HW-7, HW-8 or an HW-9 ???

Message-ID: <33537712.578B@ix.netcom.com>

I'm shopping for either a mint HW-7, 8 or 9.

This would be my main rig, so my question is, which performs better. Which has the better receiver, least drift, etc? Which do you LIKE better?

Jim

dolsonj@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Jim/N0UR <LAGESON@worldnet.att.net>

Subject: [17361] QRP ARCI CONTEST/N0UR (long)

Message-ID: <19970414231535.AAA16099@LOCALNAME>

580 miles and 27 hours later I made it back home, tired but dry. All things considered, everything went well, the weather was perfect, condx seemed good on Sat., but everything was wet out there. The campground in Whapeton was closed, too much snow/mud in the grasslands to camp, but the park ranger at Ransom State Park was kind enough to let me park and sleep in my van. I left home at 3:30 am Saturday and pulled into Whapeton about 7, after seeing plan A was not going to work I headed west looking for a dry spot to stop and check out condx for the contest. I found a "recreational area" 10 miles out of town and took a listen and found things cooking on 40 meters, just using "hamsticks" on my van I was able to keep busy for a couple hours. When things slowed down I hit the road again looking for a campsite to setup at, I stopped at the trailhead of the Sheyenne Natl Grasslands but there was too much snow and mud to be driving off the road. The parking area was dry so I set up using my kite antenna and had some real good runs on 20 meters. That really slowed down the locals driving by, some guy from MN out here

flying a kite. OHH YAAAAA!!!! Well it was getting late and still nowhere to camp and set up a 80 meter antenna, so it was back on the road heading for Fort Ransom. The best I could do there was to park at the end of the road going to the campsites, the trouble was no trees to hang some serious wire, I was tired and defeated. There was one small tree about 20 feet tall so I thought what the heck I'll throw up a wire and try and tune it up. I had to hurry, it was getting dark and I was missing prime time contest hours. This was the sorriest wire I ever tried to load up, it was limp and low, laying on picnic tables and came right through the window to the back of the tuner. To my surprise it seemed to load up pretty good on both 40 and 80 meters, and stations were hearing me, and me them. I keep very busy on both bands and wanted to hit the front seat for some sleep but stations kept calling me, I even worked PY7FNE for a 2xqrp to Brazil on 40. I finally had to stop and get some sleep, I have to drive home tomorrow! Why do sleeping bag zippers always get caught on the lining?? The temps dipped into the low teens that night, it seemed like I was awake most of the night, but I must have slept through most it, I felt pretty good the next morning, boy those wild turkeys make a lot of noise! Well I did the same thing Sunday, drive and setup in the same spots, just went the other direction. Much slower qso wise, condx seemed fair at best.

As far as my qso and point totals go, I am going to transfer my paper log onto NA on my computer and that will take a few days, but I am pleased. Boy I forgot how easy computer logging/keying is, logging and dubing by hand is alot of work, and my memory keyer died on me so it was a real hands on contest.

Sorry this is so long, I got carried away. Thanks to everyone for the points, hope everyone who needed ND worked me.

72's Jim N0UR

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [17380] QRP ARCI Spring QSO Party - K3TKS  
Message-ID: <Pine.BSI.3.93.970414231139.1747A-100000@u1.abs.net>

HI to all,

I just finished reading the Digest and thought that I would throw in my brag sheet for the event. I have not received any reports from my fellow team-mates yet. I hope they did better than I did. :^)  
"Maryland Milliawatts" Where are you?

I didn't have a lot of time this year, but I did manage to squeeze in 11 hours and 20 minutes total. I worked 40 meters mostly and some 80

meters. I made one QSO on 15 meters. Heck, he was calling CQ QRP and sounded lonely, what was I to do? :^) PJ2MI in caraco net antilis #9325 at 3 Watts. 559 both ways. I was on the 80 meter loop at 900mw.

Here is my SPC list for 40M: (27)  
IN,MI,OH,MD,MA,RI,IL,AR,MO,SD,OR,TX,ND,AL,WA,CA,ID,ONT,KY,GA,CT,  
SC,NC,VA,NY,WI,NH.

Here is my SPC list for 80M: (12)  
MI,VA,AL,NJ,OH,FL,PA,RI,MD,MA,SC,CT.

I did not count the 15 Meter QSO since I was operating Lo Band ONLY.

I ended up with 89 QSO's 39 SPC 368 pts for a claimed Score of 143,520.

Lowest QRP # worked this time was #59 AL, W1XH, in MA. I saw someone listed #20, I doubt it, but I hope it is true. # 11 is the lowest I have ever worked, I think Luke is still alive and well but I have not heard him on the air in a while.

80 Meters was a disappointment for me. 40 meters must have been the hot bed of activity. It was for me. I had my big run from 10 pm Saturday night til about 3 am Sunday morning. I was surprised at the number of western states that made it thru. I even worked Larry, W1HUE/7 in ID on 40. Jay, KV7X in WA. AA7KF & AA7QU in OR. WD0T, SD N0UR/O Jim IN ND. WQ8RP Hank in MI and N8CQA with his own call. WA9PWP in WI, N6KZ CA,

Lots of regulars and quite a few new ones.  
I am thinking we need a contest with NAMES as well as numbers.  
Or maybe Extra points for the "Correct Name" Lots of us use an alias you know :^) How else can we protect the guilty. :^)  
I have to look up N8MOJ, the only one who Signed "88" in the contest.

Guess I had better get off this darn computer and go to bed.

72 es  
QRP DX TU (C) 1986 G. Danny Gingell, K3TKS@abs.net  
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: dzn1@juno.com (Howard D Rubin)  
Subject: [17382] QRP Interest Group Setup  
Message-ID: <19970414.234754.12223.0.DZN1@juno.com>

I would like to start a QRP group in my amateur radio club. How should I



go about promoting this to the membership? Are there any QRP group leaders out there who have developed a short pitch on the "joy of QRP" that I could use at one of our general meetings? I plan to show the 38S kit and involve members in the building, testing and use of this example QRP rig.

Any pointers to QRP web sites will be welcomed.

Howard Rubin, N3FEL  
dzn1@juno.com (messages)  
dzn1@aol.com (files and X-Mitter Articles)

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: DCrespy@aol.com  
Subject: [17370] QRP Quarterly  
Message-ID: <970414212123\_-1569785082@emout02.mail.aol.com>

Gang..

Before I contact anybody at ARCI (these guys are volunteers and have enough to do),... I still don't have the April 97 issue. Anyone else in the same boat?

Harry KG5LO  
Saline MI

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [17376] QRP rigs, meters, mics, 2m stuff, etc.  
Message-ID: <Pine.3.89.9704142001.B18956-01000000@w3eax.umd.edu>

All of the following is shippable and represents a LOT of overflow from two shacks.

Yes, we're starting at NUMBER ZERO. It's a BIG list. Add this to the 30-odd tuners I'm gonna be getting and I myself am amazed my wife doesn't throw me out...

0) Kenwood TS-520 80-10m CW/SSB xcvr. Uses pair of 6146B's. Very rugged, and in good shape. Radio has 500 Hz CW filter and DC inverter. Comes with VFO-520 external VFO, MC-50 desk mic, and SP-520 speaker.

All manuals and boxes and cables included. \$425.

1) Ten-Tec 705 desk mic, new condition. \$80 new, asking \$60.

1a) Yaesu MD-1C8 desk mic, like new in box. \$130 new, asking \$90.

2) Heathkit HW-9 with WARC and PSA-9 power supply. Mint condition, full rated power (5w), exc. receiver. 250 kHz bandspread. With dust cover and full set of manuals. \$400 firm.

3) Oak Hills 20m Explorer II, built by me, exc. cond., w/manual, \$105.

4) Heathkit HM-102 HF wattmeter, excellent condition, remotable sensor. \$40.4)  
Heathkit HM-102 HF wattmeter, excellent condition, remotable sensor. \$40.4)  
Heathkit HM-102 HF wattmeter, excellent condition, remotable sensor. \$40.4)  
Heathkit HM-102 HF wattmeter, excellent condition, remotable sensor. \$40.

4a) Heathkit HM-2140 dual peak/PEP wattmeter, 2 kW, exc. cond., \$90 w/manual.

5) Ark 20 20m CW rig. Excellent condition, with keyer installed by S&S engineering. Comes with FREE Ramsey 20w linear amp. Manuals, box, etc. \$275.

6) Alinco DJ-F1T compact 2m handheld. Covers AM aircraft and 138-174 MHz. Like new, with battery, charger, manual, and duckie. \$155.

7) Ramsey 2m amplifier, 3 in gives 30 out. Excellent condition, \$40 with box and manual.

8) Spi-ro 20/40m trap dipole antenna. Half perfect, half weathered. \$30 (was \$75 new).

11) Diamond SG-7500 mobile antenna, used one year. 41" tall, needs UHF mount. 3.5 db on 2m and 6 db on 440. Has tilt mechanism. \$87 new (very well built), asking \$50.

12) Diamond SG-7900 mobile antenna, used one year. 62" tall, 5 db on 2m and 7.6 db on 440. Needs UHF mount. Again, VERY solidly built. Has tilt mechanism. \$115 new, asking \$75.

13) Realistic HTX-100 10m mobile, decent shape with mic & power cord. Orig. manual, box. \$130. SSB/CW.

14) Radio Shack multiple video distribution unit, New in box. Allows TV signals from several inputs to be channeled into up to three TVs via

coax. Bought at Rat Shack in late 1992 for \$55, model 15-1290. Asking \$35. Receipt included, runs on 120 VAC.

15) Archer Radio Shack Video selector switch. 15-1261. Two AUX positions, plus ANT, cable, and VCR. VCR can be set to record any of the above. Like new, \$15. I never used this (it's KA3RTE's).

16) Radio Shack HTX-212 50 watt 2m mobile rig. Like new, with bracket, mic, manual, and box. \$160.

17) Kenwood TH-28a 2m HT with optional CTCSS decode and 440 MHz receiver, crossband repeat, etc. Excellent condition, with PB-13 battery, charger, duckie, and manual. Receives 138-174 MHz and AM aircraft band. No belt clip - no idea where it is - although Kenwood will sell you one. \$210.

18) Yaesu NC-50 dual-slot charger with CA-14 charging cups for FT-10/40/50 handhelds. In box, new condition, used maybe twice. \$135 new, asking \$100.

Thanks!

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>  
Subject: [17413] QST Article - QRP to 500 watts?  
Message-ID: <19970415164438.AAA25098@GARY>

Interesting article. Looks to me like HF amps are going to get cheaper if this approach continues to catch on. That could be a problem... everyone will have a KW.

But seems to me that the FCC regs prevent an amp like this to be produced commercially.

73/72

Gary - W2UX  
CW is the REAL THING!

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: John Dorson <jdorson@bbs.mpcs.com>  
Subject: [17415] radiokit owners help  
Message-ID: <199704151728.NAA13080@bbs.mpcs.com>

i would like to hear from and owners of the radiokit 20 meter qrp rigs.  
i am having problems getting any where near the 4.5 - 5 watts that i hear  
should be the output. please e-mail me directly so as not to tie up the  
list...  
Thank You

John Dorson Real Estate Consultant in Melbourne Beach, Brevard County Florida  
E-Mail To: jdorson@bbs.mpcs.com

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-----  
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|  
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|  
|                      WI                                           |  
|-----|
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K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Jim Dolson <dolsonj@ix.netcom.com>  
Subject: [17407] Suggestions for xcvr w/general coverage rcvr ???  
Message-ID: <33539899.60A6@ix.netcom.com>

Does anyone have a suggestion for a rig that meets the following  
requirements:

1. Runs off of 13.8 volts
2. General coverage receiver
3. All band (160 or 80 through 10, WARC included)
4. 100 watts or so
5. Adjustable down to 5 watts (most are).
6. Smaller is better.
7. Doesn't cost a fortune.

Also, if you've got one to sell, let me know.

Thanks!

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: rerobins@unccvm.uncc.edu (Rick Robinson)  
Subject: [17417] TenTec MR-1  
Message-ID: <v02130504af792a8e6521@[152.15.144.13]>

One of my acquisitions at the Rock Hill, SC, hamfest back in October was an unbuilt TenTec MR-1. It is new in the box with warranty card and instructions. I had walked by the box all day long and finally looked to see what it was. Stamped on top was "Freck Radio Supply Co., Inc., Asheville, NC". That brought a tear to my eye as Tenny Freck sold me my first Argonaut back in 1973 and was that stamp in itself was enough to sell me and worth the \$12 just for nostalgia. ( I talked him down to \$10) There inside were the 4 boards, dial and hardware to build what may be TenTec's first rig. The instructions call for mounting the boards on a 10" length of 1 X 8 board. No kidding, that's what it says.

The schematics and chassis layout diagrams are all blueprints, now yellowed but still smell of the processing chemicals. The prints are all dated in August and September of 1969. TenTec is almost 30 years old! That's hard to believe.

The 4 boards are; MX-1, TX-1, V0-1 and AA-1. It has never been assembled but will be later in the summer.

Does anyone know the history of TenTec kits? I'm curious to know where this MR-1 fits in.

72,

Rick kf4ar

WIMPS: Qs=001 30m=3 17m=0 12m=0 States=03/00/00 DX=00/00/00 QSLs=000  
QRP-ARCI #5553 qrp-1 # 402 10-X # 11068

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Russ Carpenter <russ@natworld.com>  
Subject: [17429] The FINAL ROSTER OF BUMBLEBEES  
Message-ID: <199704152130.RAA86084@nss2.CC.Lehigh.EDU>

Here is final roster of the Bumblebees. Now we need to recruit a mob of homebased operators to chase these little nasties. MARK YOUR CALENDARS FOR SUNDAY, JULY 27.

The rules for the Flight of the Bumblebees have been posted on the Adventure Radio Society Web Site. You can get directly to the rule page

with this URL: <http://www.natworld.com/ars/events/bumble/bbrules.html>

|          |           |        |    |
|----------|-----------|--------|----|
| Lorraine | Aubert    | AC6XK  | 1  |
| Cam      | Hartford  | N6GA   | 2  |
| Russ     | Carpenter | AA7QU  | 3  |
| Bill     | Jones     | KD7S   | 4  |
| Bob      | Cutter    | KI0G   | 5  |
| John     | Evans     | N3Q00  | 6  |
| Randy    | Foltz     | AB7TK  | 7  |
| Jeff     | McDowell  | N0WCF  | 8  |
| Chuck    | Adams     | K5FO   | 9  |
| Jim      | Robertson | K7KBD  | 10 |
| Don      | Bullard   | WA4IML | 11 |
| Dave     | Perry     | N0IBT  | 12 |
| Dan      | Presley   | N7CQR  | 13 |
| John     | Cumming   | VE3JC  | 14 |
| Dean     | Marzocca  | N2TNN  | 15 |
| Richard  | Fisher    | KI6SN  | 16 |
| Dave     | Benson    | NN1G   | 17 |
| Joe      | Gervais   | AB7TT  | 18 |
| Richard  | Arland    | K7YHA  | 19 |
| Walt     | Windish   | KB2JE  | 20 |
| Richard  | Overmeyer | KF6CTA | 21 |
| Kent     | Torell    | AB70A  | 22 |
| Rick     | Tavan     | N7TN   | 23 |
| Brad     | Bradfield | WB0CGH | 24 |
| Wayne    | Burdick   | N6KR   | 25 |
| Seab     | Lyon      | AA1MY  | 26 |
| Jack     | Bryant    | W5TFB  | 27 |
| Mike     | Burger    | AH7R   | 28 |
| Bob      | Edwards   | W4ED   | 29 |
| Doc      | Lindsey   | K0EVZ  | 30 |
| Mark     | Adams     | N2VPK  | 31 |
| Dan      | Wolfe     | N4ROA  | 32 |
| John     | Elder     | KD6TS  | 33 |
| Bruce    | Muscolino | W6TOY  | 34 |
| David    | Yarnes    | W7AQK  | 35 |
| Eric     | McFadden  | WD8RIF | 36 |
| Dale     | Anderson  | KB0VCC | 37 |
| Dick     | Schneider | AB0CD  | 38 |
| Joel     | Malman    | WA1QVM | 39 |
| Glover   | Cleveland | WT6P   | 40 |
| Wayne    | Robertson | K4WK   | 41 |
| John     | Hirsch    | W7RFM  | 42 |
| Tony     | Colaguori | W2GUM  | 43 |
| Bill     | Boose     | N3WST  | 44 |
| John     | Sielke    | N4JS   | 45 |
| Ed       | Manuel    | N5EM   | 46 |

|       |             |        |    |
|-------|-------------|--------|----|
| Dave  | Cary        | KG0ZT  | 47 |
| Randy | Hargenrader | WJ4P   | 48 |
| Paul  | Stroud      | AA4XX  | 49 |
| Don   | Wilber      | WD6GYJ | 50 |

Thanks to all of you who are supporting The Flight of the Bumblebees.

Russ Carpenter, AA7QU  
Contest Manager for Adventure Radio Society

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: w8lrm@qtm.net  
Subject: [17372] What did I miss ??  
Message-ID: <199704150103.VAA04346@garcon.qtm.net>

What is the Electronics 2000 ??? Got the info that its available but missed a post as to what it was.

Thanks much.....  
.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524  
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)  
>From Southwest Michigans Sunset Coast:  
Saint Joseph, Berrien County, Michigan !

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>  
Subject: [17411] Which Heath QRP Rig? Why the HW-10!!  
Message-ID: <3.0.1.32.19970415091335.006bae60@telis.org>

Wayne Burdick, N6KR, said to me one time while he was designing the original NorCal Sierra, which was the precursor to the present Wilderness Sierra, that he thought of it as the rig that Heathkit would have produced if they had stayed in business. By the way, the Wilderness version of the Sierra has many features and improvements over the NorCal version. I think of the NorCal version as a stripped down Ford economy model, and the Wilderness version as the Lincoln Town Car. (I have both, and no, I won't sell the NorCal version, it is the second Sierra ever built, and I refuse to part with it, so don't ask.)

Someone said that they were looking at the HW-7-8-9 series as their QRP rig of choice and asked for opinions. Ok, here is mine. Buy the Wilderness Sierra. It is a far, far better rig. And if you go with the KC-2 option,

you have a built in keyer, power meter, S meter, and digital frequency display. Plus, you can buy the band modules that you need right now and add more later as the sun spot cycles increase. Go with the HW-10 (aka ..... Wilderness Sierra). Also, you will learn a bunch when you build the kit.

I am not affiliated with Wilderness Radio in any financial way. Bob Dyer and Wayne Burdick are close friends of mine, but I buy my radios from them just like you do.

72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [17381] WIMPS for wimps  
Message-ID: <199704150352.EAA21408@chuck.dallas.sgi.com>

OK gang,

I sat on 30M tonight for little while (well, a little while is relative isn't it) and wouldn't you know it. The band was doing just great. I firmly believe that some of the best propagation in the world is after a solar flare, but what do I know. Been through 4 cycles and starting the fifth.

These were not contest type exchanges either. The most interesting being a CQ by yours truly and I had a 7-lander come back to me. Now I swear this guy was in the back yard. 599+ his to my 569 at 0.95W on the 30M antenna. Guess what? Would you believe ND in the little town of Minot? I guess it's little as I didn't go out and query the geo-server and find out all the gory details. What made him loud was that he was using an array of sloping dipoles pointed south. Guess I'm going to have to try that towards KL7 land.

QSO lasted 30 minutes and I figured that when I signed there would be 300 people lined up to talk to him, but noone called him. I don't think ND is that rare if there weren't any takers or a lot of people needing ND were on 40M. :- ) Kinda like being at the airport when your ship comes in.

I know everyone is working on getting the 38-specials into pretty boxes for Dayton, but let's not forget that they will transmit



and receive and if you have an antenna, let's hear from you this week on the air.

I saw in CQ that there are a group of Physicists and Solar dudes that think that this cycle may be #4 in big picture, i.e. have the 4th largest number of spots recorded since data was started in the mid 18th century. If they are right, get ready for 10M and 6M. It'll be a wild ride if it happens. Time will tell.

One of the side effects will of course be solar flares. They can get nasty as we saw from the side effects of the QRP ARCI QSO Party this week where 20M and up were not doing too great, well above 20M at least. But you have to pay for the good days with some bad ones on the side. And we haven't really started having the real good days yet.

The dudes that go out on a limb and predict this stuff think that the year 2000 will be the peak. Keep your fingers crossed and hope that is a good cycle.

For those new to the scene. WIMPS - WARC Internet Monitoring and Propagation Study. Work QRP on 30, 17, and 12 meters and keep data. Build rigs if you need to. Get on as much as possible. Work the QRP-Lers and there are a lot of QRPes on these bands.

The secret to working all states on a single band? Work everyone. Statistically one day you will hit the jackpot. It's much easier than winning the lottery. You pay your dues and take your chances and with a clean signal and a good fist you can do it.

OK, off to work a KL7.

dit dit

Hoping for KL7 at 11.

Chuck Adams K5FO CP-60 adams@sgi.com

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

WIMPS: Qs=024 30m=19 17m=5 12m=0 States=16/05/00 DX=02/00/00 QSLs=002

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Ken Lopez <kjllopez@earthlink.net>

Subject: [17385] [Fwd: QRP++]

Message-ID: <33530AC2.3B55@earthlink.net>

This is a multi-part message in MIME format.

-----46F1E2B3F7D

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I received the following direct:

Gert Carlsson wrote:

>

> Hello Ken!

>

> I read your posting to QRP-L. I am not a subscriber to the list.

> I just want to tell you that I have a QRP++ with serial number # 1534

> I have had it for a couple of months so I guess it is one of the very latest.

>

> 72 de SM5LWC, Gert!

>

> Gert E B Carlsson

> Computer Science and Engineering

> Linkoping University and Institute of Technology

> Linkoping, Sweden

> E-mail: Gert@ctrl-c.liu.se

-----46F1E2B3F7D

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from styrenix.ida.liu.se (styrenix.ida.liu.se [130.236.186.13])

by belize.it.earthlink.net (8.8.5/8.8.5) with ESMTP id UAA04549

for <kjlopez@earthlink.net>; Sat, 12 Apr 1997 20:02:53 -0700 (PDT)

Received: from su3-4.ida.liu.se (su3-4.ida.liu.se [130.236.186.58])

by styrenix.ida.liu.se (8.8.5/8.8.5) with SMTP id FAA29029

for <kjlopez@earthlink.net>; Sun, 13 Apr 1997 05:01:36 +0200 (MET DST)

From: Gert Carlsson <d91gerca@und.ida.liu.se>

Received: by su3-4.ida.liu.se (5.x/ida.slave-V1.0b6d6S2)

id AA15641; Sun, 13 Apr 1997 05:01:36 +0200

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Ken Lopez <kjlopez@earthlink.net>

Subject: [17373] Re: \*NO\* Group Purchase of SG-2020

Message-ID: <3352E40E.3BE7@earthlink.net>

Brian,

I think you misunderstood him. He is doing what he should in his position. If he wants dealers to stock and sell his products, he needs to support them, which means, among other things, no "backdoor" direct

sales. He is hinting that a group buy might be negotiated through one of their dealers.

Cheers,  
Ken, N6TZV

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Brian K. Short" <ke7gh@primenet.com>  
Subject: [17377] Re: \*NO\* Group Purchase of SG-2020  
Message-ID: <3.0.1.32.19970415022335.006fa33c@mailhost.primenet.com>

QSL. Any suggestions on dealers to contact?

>I think you misunderstood him. He is doing what he should in his  
>position. If he wants dealers to stock and sell his products, he needs  
>to support them, which means, among other things, no "backdoor" direct  
>sales. He is hinting that a group buy might be negotiated through one  
>of their dealers.

Brian K. Short k7on@qsl.net QRP-L #1031 NC38s (602)839-3484  
WIMPS: Qs=060 30m=60 17m=0 12m=0 States=28/00/00 DX=03/00/00

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: goose@imt.net (mal goosey)  
Subject: [17408] re: 50/40/30 MT  
Message-ID: <199704151505.JAA12095@cu.imt.net>

Sorry if I have caused any confusion by mixing local date with utc time. I will operate on the evening of 4/17 (Thursday local day), starting at 18:00 MDT. This is, of course, 00:00 Friday UTC.  
Regards, Mal Goosey N7GS

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Graham Firth" <Graham.Firth@btinternet.com>  
Subject: [17428] Re: Altoids - further UK findings  
Message-ID: <199704152112.WAA08325@snow.btinternet.com>

Hi  
Further to George (G3RJV)'s findings on UK Altoids, I have in my possession 2 dozen (empty) "Curiously Strong Mint" tins with the St Michael logo in green with the name in relief on the top and the

instructions! in various European languages underneath. For those without access to Marks & Spencer, this brand name may be unknown, but any red-blooded British male knows that over 90% of British females will be wearing knickers with the St Michael name on them - not that there is any connection between mints & knickers!

I shall be bringing these tins to Dayton for study by the FDM attendees so remember to ask me for one!

I also have some other identical sized tins, one of them with a teddy bear in relief on the lid - I shall be bringing those as well.

For those who are bored with Altoids etc - sorry for the bandwidth!

72/3 & see you in May

Oops - I hope you call them knickers outside the UK! (If not you'll have to guess)

Graham  
G3MFJ/KC7LLX

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: wb2vuo@juno.com (William K Hibbert)  
Subject: [17360] Re:ByteSize CD-ROM <bytesize@bigfoot.com>: ELECTRONICS 2000  
Message-ID: <19970414.191018.8103.2.wb2vuo@juno.com>

Is this a "gift" from the QRP-L, or from Juno???

Keith, WB2VUO

----- Begin forwarded message -----  
From: ByteSize CD-ROM <bytesize@bigfoot.com>  
Subject: ELECTRONICS 2000 CD-ROM SPECIAL OFFER!!!  
From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "David D. Meacham" <ddm@datatamers.com>  
Subject: [17386] Re:ByteSize CD-ROM <bytesize@bigfoot.com>: ELECTRONICS 2000 CD-ROM SPECIAL OFFER!!!  
Message-ID: <Pine.LNX.3.91.970414211458.24406B-100000@dt1.datatamers.com>

Keith,  
I got it, too!  
Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Vic Rosenthal <rakefet@rakefet.com>  
Subject: [17425] Re: HELP! Almost deaf OHR-100...  
Message-ID: <3353E5AB.5CA4@rakefet.com>

Dale Anderson wrote:

>  
> I finally found the time to get the rest of my OHR-100  
> (40m version) together last night. Total assy & test  
> time: 6-hrs. I powered it on and completed the alignment  
> procedure per the instructions. All seemed to work fine,  
> except I can't hear anything on it besides my main station  
> rig. ...and YES, the antenna was connected.  
>

<snip>

The most common bug in the OHR rigs (and others that use toroids) is poor soldering of the toroid leads, due to inadequate cleaning thereof. Even experienced builders (I won't mention names, but you'd be surprised) get caught by this one. Check those toroid leads!

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: QLF%[mimi@magic.itg.ti.com](mailto:mimi@magic.itg.ti.com)  
Subject: [17401] re: Help: Power Connector soldering.  
Message-ID: <9704151342.AA26075@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: Help: Power Connector soldering.

> N9UKX wrote:

> Please,I really never learned how to install those Coaxial DC power plugs.  
> They are sold at R/S and come in various sizes.... Well, how in the heck do  
> you fix up these things so they stay soldered, and dont short out? Guess  
> what I am saying is... What kind of wire are you using in these connectors?  
> It has to physically fit into that plastic barrel,but doesnt have to carry a  
> heavy load, I have tried wire stripped off old wall transformers,speaker  
> wire, etc and cant get anything to stay soldered and look nice. I always  
> wind up with 2 inches of electrical tape on that darn jack... ANY help  
> here... pleeeeeeeze...?

> Thanks AGAIN...

> 73 de john  
> n9ukx

As I've stated here before, I have had nothing but trouble with most readily available connectors of the 3.5mm and coaxial DC type. Radio Shack is certainly not unique in this problem, but is just the most visible because of their availability. I've had two problems here, one you can do something about, the other you can't.

On the first problem: many of these connectors are plated with some material that makes it take solder poorly. If you take a small piece of wet'er dry sand paper or a small file to the solder tabs, you can remove enough of the plating so that the base metal will take solder.

The second problem is a design and manufacturing problem that you and I can't do anything with. In short, they're unbelievably cheap. The biggest problem I've seen here is that the center pin solder tab is poorly attached to the connector. It is crimped on, rivet style, and too often, this crimping is poorly done, allowing the center solder tab to either rotate, or fall off all together.

I've been swearing that I won't buy these from RS anymore, but they're the only readily available source, so I don't see much choice. I've returned them more than once for a refund. When I complained once to the store manager, he said that this was "probably the best they could get." To which I replied, "But if they're junk, why stock them?"

If anyone knows of a better source, I'd sure like to hear about it!

Oh, well.

72's es 73's,

Brad, WB0CGH

```
*****
Brad Bradfield, PE                      Electrical Design Engineer
(H) 817-321-2960                        Texas Instruments, Inc.
(W) 972-462-6230                        (Soon to be: Raytheon/TI Systems)
                                         Real men talk with their fingers!
```

QLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member    QRP-L #377    SMIRK #4906    IEEE(M)    ARS #72  
Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [17405] re: Help: Power Connector soldering.  
Message-ID: <Pine.SUN.3.90.970415074252.11484B-100000@vortex>

On Tue, 15 Apr 1997 QLF%[mimi@magic.itg.ti.com](mailto:mimi@magic.itg.ti.com) wrote:

> "But if they're junk, why stock them?"

Cuz people still buy them????

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Raventhorne <[jellder@ix.netcom.com](mailto:jellder@ix.netcom.com)>  
Subject: [17388] Re: hoola-hoops, touch-lamps, rambling....  
Message-ID: <2.2.16.19970413213651.245f6f96@popd.ix.netcom.com>

At 09:17 AM 4/13/1997 -0600, ED WELCH wrote:

>In regards to a small, multi-turn loop antenna, has anybody used a  
>hoola-hoop for a form. Just a thought. :)

I seem to remember reading that Kurt N. Stirba did once . . .

72,

John  
K06TS

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Chris Cartwright <[ccart@dns.vidtel.com](mailto:ccart@dns.vidtel.com)>  
Subject: [17400] Re: I think the ARCI event put me over the edge  
Message-ID: <Pine.LNX.3.93.970415083413.473C-100000@dns.vidtel.com>

On Mon, 14 Apr 1997, JakeCart wrote:

> of you guys but I managed 48 solid contacts in 22 states with folks in the  
> contest (including 31 ARCI members) and picked up a few extra non-contest  
> QSOs, adding a couple more states. I'm half way to WAS QRP in only 5 hours

Uh oh! This reminds me of my dad taking me fishing in Canada as a kid.  
All you had to do was put and unbaited gold hook in the water and you were  
pulling out perch! I never looked at fishing quite the same way.

I guess in a lot of ways QRP is like fishing, we're using ultralight  
equipment and not the mega \$\$\$\$ 500HP bass boats, we do it for the "sport"  
of it, and \*fun\* is the only reason we need. I'm just glad most of us are  
still "catch-and-release" types, hi.

Good luck Jake, and hope to be in the pond sometime when you're fishin'

72

|                                         |  |                                                                         |
|-----------------------------------------|--|-------------------------------------------------------------------------|
| -- Chris Cartwright, Technical Engineer |  | ccart@vidtel.com                                                        |
| -- Phone 301.990.0735 N3XRV QRP-L #655  |  | ccart@erols.com                                                         |
| -- QRP WAS 13/4 (w/c) QRP-ARCI #9271    |  | <a href="http://dns.vidtel.com/~ccart">http://dns.vidtel.com/~ccart</a> |

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [17422] Re: K5FO's Score  
Message-ID: <Pine.SUN.3.90.970415124624.12995A-100000@vortex>

On Mon, 14 Apr 1997, Chuck Adams wrote:

> I'll copy this to the list 'cuz the people don't understand the  
> part bout the "towers and guy wires....". They will all go  
> crazy when they see you in the CQ Contest Calendar with all  
> that aluminum up into the stratosphere. :-) ;-)

Have I told you about towers #2 and #3 yet???? Or what I'm gonna  
do with that left over 50' crank-up??? :-)

> Isn't ND a 'burb of Reno?

No. When anyone from Calif comes into Reno, they are given a map  
of Hwy 50 and directions that say something like....."Go about  
300 miles 'till you get to the funny looking sagebrush, then turn  
left and go clear to Minot, ND....." :-)



cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Steve Galchutt <N0TU@webaccess.net>  
Subject: [17397] Re: Lost 38s part 3 - NOW FOUND! Tks!  
Message-ID: <335380DA.5023@webaccess.net>

A BIG Thanks to all for forwarding the info....Steve

-----  
"Just doing it" - Havin'a blast buildin'& usin' QRP gear that is...  
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911  
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [17396] Re: Performance Comparison of HW-7, HW-8 or an HW-9 ???  
Message-ID: <Pine.GS0.3.95.970415084520.29289A-100000@lictor.acsu.buffalo.edu>

I've had all three.

The Hw7 isn't worth anything unless you can use the case :-)

The Hw8 has a DC receiver but is a very functional rig. It has many mods available.

The Hw9 was the last and best in the series.( albeit technology of 10 years ago+) It has a superhet design and is available with WARC bands as an option. (Bes sure you get one with the WARC band option....  
I have this theory that everyone that bought a collins rig without the optional filters spends half the time he owns it looking for those optional filters. When he finally finds the filters ; they are from someone that sold the rig. They were removed from the rig so they could make more money selling the filters separately....And so the cycle continues. It would be interesting if the filters had a pedigree that showed how many different rigs they were in . :-)

BTW how much are the rigs worth.

HW7 \$50

HW8 \$125-150 if perfect.(collectible quality)  
HW9 \$175-250. (with warc bands. but no more than that)

73,

Jim N2G0  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [17365] Re: Portable antenna masts  
Message-ID: <3.0.1.16.19970414200703.193f5038@mail49.mci2000.com>

At 12:22 PM 4/13/97 -0400, vic ad8k wrote:

>Portable Antenna Mast:

>

>

>Hi Gang,

>

>Has anyone investigated the use of chimney sweep pole as antenna  
>mast. ie. mast for erecting wire antenna for afield or portable  
>use. I am looking into mast suitable for carrying in canoes and  
>going out to barrier island off the Atlantic coast.

>

>I am going to some of the home improvement store and see what they  
>look like. Mean while I would appreciate an comments from folks  
>who may use or have tried the chimney sweep poles. Gee, any other  
>ideas would be appreciated.

>

>72 qrp only

>

>de vic ad8k . .

>

>sorry about he missing "s's" on some of the words. hi

>

>

Vic...I have a portable 20 foot mast that is made from 4-six foot  
lengths of concentric, mating aluminum tubing that is 1/2 inch o.d. on  
the smallest size up to about 3/4 inch o.d. for the largest. I use  
9 inches of overlap between sections. Works quite well, is light,

and not too long. I usually put a 60 foot inverted doublet fed with 300 ohm up on top, and tune it with my tuner on all bands, 40 and above. Just my 2 pesos!!

72....Jim

Jim Kortge, K8IQY (ex NU8N) | NorCal, QRP-L  
jokortge@mci2000.com | \_\_o H.F. bicycle mobile  
Fenton, MI | \_\<, Mizuho 17/40 SSB  
... .. (\*)/(\*) . . . . .  
NorCal 38S Log - 28 States; 25 Countries - Running 3 watts

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Raventhorne <jelder@ix.netcom.com>  
Subject: [17387] RE:PROPAGATION: chicken little report  
Message-ID: <2.2.16.19970413213654.245fb3ca@popd.ix.netcom.com>

At 08:16 AM 4/10/1997 -0500, Brian Cieslak wrote:  
>Well, at least the solar astronomers erred on the side that we're still  
>around to complain about it. Just imagine if they grossly under  
>estimated the energy that hit us. Do you think they would tell us if we  
>were about to be incinerated?

You think Sol may go nova soon?

@~~~

@ John Elder, Wide Sky Men's Council  
@ (310) 416-9901 Box 232, El Segundo, CA 90245

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Chris Cartwright <ccart@dns.vidtel.com>  
Subject: [17398] RE:PROPAGATION: chicken little report  
Message-ID: <Pine.LNX.3.93.970415082844.473B-100000@dns.vidtel.com>

On Tue, 15 Apr 1997, Raventhorne wrote:

> You think Sol may go nova soon?

Sure we'd be burnt to a crisp, but hey, just think of the propogation!  
We could have an FSFD contest, fifty-states-in-fifty-minutes, hi.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com  
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com  
-- QRP WAS 13/4 (w/c) QRP-ARCI #9271 | <http://dns.vidtel.com/~ccart>

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: Stan Skelton <sskelton@cln.etc.bc.ca>  
Subject: [17402] RE:PROPAGATION: chicken little report  
Message-ID: <Pine.SUN.3.95.970415072311.8700A-100000@cln>

If Sol went nova you'd only be able to have an 8 minute contest!  
Stan VE7SKT, qrp-l #34, AK/QRP #136 OHR Sprint 80

On Tue, 15 Apr 1997, Chris Cartwright wrote:

> On Tue, 15 Apr 1997, Raventhorne wrote:  
>  
> > You think Sol may go nova soon?  
>  
> Sure we'd be burnt to a crisp, but hey, just think of the propogation!  
> We could have an FSFD contest, fifty-states-in-fifty-minutes, hi.  
>  
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com  
> -- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com  
> -- QRP WAS 13/4 (w/c) QRP-ARCI #9271 | <http://dns.vidtel.com/~ccart>  
>  
>  
>  
>

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [17368] Re: QRP ARCI CONTEST/NOUR (long)  
Message-ID: <199704150048.BAA21152@chuck.dallas.sgi.com>

Jim,

I and the rest of the gang that worked you want to thank you.  
That was above and beyond the call of duty.

If someone in this group doesn't appreciate what you did and didn't enjoy the posting, hmmm they need help and quickly. Well written reports are enjoyed by most if not all of us.

I've never been to ND, but someday..... In the meantime I just have to read the postings and hope that I can say some day "Hey, I know a guy that parked right here next to this tree and worked half the US and half the world with just a small rig and a big heart.

At least I know it exists because I got back a report and heard a small signal from there many a time.

dit dit amigo

OH, and the zipper thing. It's called the "visitor effect", a.k.a. Murphy's Law.....

Chuck Adams K5FO CP-60 adams@sgi.com

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

WIMPS: Qs=014 30m=9 17m=5 12m=0 States=09/05/00 DX=00/00/00 QSLs=002

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Barry Keating <Barry.P.Keating.1@nd.edu>

Subject: [17399] Re: QRP ARCI CONTEST/N0UR (long)

Message-ID: <v03007801af79319d5c7b@[129.74.87.62]>

What a story Jim had to tell about life in the field.

Thanks Jim for the contact; it means even more now that we know "the real story" of your escapades.

I sure would have liked to have seen the expression on people's faces as they saw your kite! Perhaps the Ben Franklin Electrical Prowess Award is in order.

Barry Keating  
WD4MSM

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: dzn1@juno.com (Howard D Rubin)

Subject: [17393] Re: QRP Interest Group Setup

Message-ID: <19970415.055250.11167.0.DZN1@juno.com>

I should have mentioned this: The club is Penn Wireless Association.

Our website is: <http://www.pennwireless.org>

Howard, N3FEL

On Mon, 14 Apr 1997 23:50:20 EDT dzn1@juno.com (Howard D Rubin) writes:

>I would like to start a QRP group in my amateur radio club. How  
>should I go about promoting this to the membership? Are there any QRP  
>group leaders out there who have developed a short pitch on the "joy  
>of QRP" that I could use at one of our general meetings? I plan to  
>show the 38S kit and involve members in the building, testing and use  
>of this example QRP rig.

>

>Any pointers to QRP web sites will be welcomed.

>

>Howard Rubin, N3FEL

>dzn1@juno.com (messages)

>dzn1@aol.com (files and X-Mitter Articles)

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: "Phil, K6LS" <k6ls@amsat.org>

Subject: [17409] Re: QRP Quarterly

Message-ID: <335391E4.4609@amsat.org>

DCrespy@aol.com wrote:

>

>

> ... I still don't have the April 97 issue.

not to worry, I just rx mine yesterday here in central CA.

--

73 de Phil, K6LS

CM97QI, Merced County

k6ls@amsat.org

<http://www.qsl.net/k6ls>

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

From: Dan Hogan <dhhogan@lightside.com>

Subject: [17410] Re: QRP Quarterly  
Message-ID: <3.0.1.16.19970415073304.2f9f6cbc@mail.lightside.com>

I don't have it, but I didn't know it was out.

At 21:22 4/14/97 -0400, DCrespy@aol.com Wrote

>Gang..

>

>Before I contact anybody at ARCI (these guys are volunteers and have enough  
>to do),... I still don't have the April 97 issue. Anyone else in the same  
>boat?

>

>Harry KG5LO

>Saline MI

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,  
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949  
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@Lehigh.EDU Tue Apr 15 18:03:57 1997

Message-Id: <9704130301.AA15641@su3-4.ida.liu.se>

Subject: QRP++

Hello Ken!

I read your posting to QRP-L. I am not a subscriber to the list.  
I just want to tell you that I have a QRP++ with serial number # 1534  
I have had it for a couple of months so I guess it is one of the very latest.

72 de SM5LWC, Gert!

Gert E B Carlsson  
Computer Science and Engineering  
Linkoping University and Institute of Technology  
Linkoping, Sweden  
E-mail: Gert@ctrl-c.liu.se

-----46F1E2B3F7D--

From owner-qrp-1@Lehigh.EDU Tue Apr 15 18:03:57 1997  
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>  
Subject: [17369] Re: Where to get AirDux coils?  
Message-ID: <3.0.1.16.199704142111154.2a9f63f8@mail49.mci2000.com>

At 09:56 AM 4/14/97 -0400, Scott cranston wrote:

>  
>Are the B&W AirDux, or simular, coils still available anyplace (other than  
>flea markets).... these are air wound coils on plastic forms... usually used  
>for antenna and tank circuit loading coils. Any pointer to where I can buy  
>some would be much appreciated.

>  
>Thanks,  
>Scott cranston@zk3.dec.com  
>KB1NW

>  
>  
Surplus Sales of Nebraska has the last remaining stock from both  
B&W and AirDux. I've bought some from them at Dayton, but  
their supply diminishes daily. Too many QRO linear amplifiers  
eating up the big stuff that's good for bicycle mobile antennas,  
and stuff like that.

72....Jim

|                                                            |  |                         |
|------------------------------------------------------------|--|-------------------------|
| Jim Kortge, K8IQY (ex NU8N)                                |  | NorCal, QRP-L           |
| jokortge@mci2000.com                                       |  | __o H.F. bicycle mobile |
| Fenton, MI                                                 |  | _'\<, Mizuho 17/40 SSB  |
| ...                                                        |  | (*)/(*) . . . . .       |
| NorCal 38S Log - 28 States; 26 Countries - Running 3 watts |  |                         |